CONTRACT REQUESTS FORM (CRF) CEC-94 (07/10)



ION	

New Contract	☐ Amer	ndn	nent to Existing	Con	trac	ot:			Amend	lmen	nt Number:
Division			C	0 10 1 10	201	Managari	MC	Dha	20	1	CM Training Data
Energy Research and Dev	velonmei	nt .				Manager: tterson	MS -				CM Training Date 1/21/1998
Energy Research and De	100	arriic	ıu	11013011	10	310	<u> </u>	772	1/21/1000		
Contractor's Legal Name									ID Number		
The Regents of the Unive	rsity of C	alif	ornia, San Dieg	go					95-2	2872	494
Title of Project											
Renewable Resource Mai	nagemer	nt ir	a Microgrid								
	nagomor		ra morogna								
Term	Start Da					l Date			Amour		
New/Original Contract	6/20/20	11		1	12/3	30/2013		(\$ 1,394	,298	}
Line up the Amendment information	as best as p	ossi									
Amendment #			End Date (mm/d	dd/yy)			F	Moun	it		
Business Meeting Inforr	nation										
Proposed Business Meeti		5/1	18/2011		T	Consent					Discussion
Business Meeting Presen			mie Patterson				Ti	me Ne	eded:		inutes
Agenda Item Subject an		pti	on						•		
Possible approval of Cont to conduct solar insolation microgrid operations, and Contact: Jamie Patterson.	n forecas demons	ting trat	g, demonstrate d te renewable en	distri	bute	ed energy stor	age s	ystems	s, impro	ove o	observability of
Business Meeting approrequired in all cases.	oval is no	ot r	equired for the	e foll	ow	ing types of c	ontra	cts: E	kecutive	Direct	tor's signature is
☐ Contracts less than \$ ⁴											
Amendment for a no-											
Contracts less than \$2	25k for E	хрє	ert Witness in Er	nerg	y Fa	acility licensing	case	s and a	amend	ment	ts.
Purpose of Contract or I	Durnoso	٥f	Amondment is	if ani	alic	ablo					
This contract will involve a by the California Independent vehicles.	activities	in s	solar forecasting	g, dis	trib	uted energy st					
Solar Insolation Forecasti generation.	ng - Thei	re i	s a need for fore	ecas	ting	ı in 15 minute i	ncren	nents u	ip to ar	n hou	ır for solar
Distributed Energy Storag The intermittency may be						ed to mitigate t	he int	ermitte	ency of	rene	wable generation.
Observability of Microgrid California smart grid is ma monitored by the CAISO.											
Renewable Energy Charg Current linked renewable							led to	show t	the fea	sibilit	ty for a Direct



California Envi	ronmental Qua	lity Act ((CEQA) Compli	ance					
 Is Contract of Yes: ski 	considered a "Pr p to question 2	oject" und	der CEQA?		omplete	the follo	owing (PRC	21065 and	14 CCR 15378):
Explain why	contract is not o	considere	d a "Project":						
🛛 a) Contr	considered a "Fact IS exempt. (utory Exemption	Draft NOI	E required)	section nur	mher:				
	egorical Exemption					301			
☐ Com	mon Sense Exe	mption.	14 CCR 15061	(b) (3)					
	eason why contra					on of on	oray otora	an ovetom	
	ct involves deve , installation and								
	perator, and de								
parking g	arage.								
	act IS NOT exen							Commiss	ion attorney
Dudanta Inform	antinu								
Budgets Inform Contract Am			Breakdown by F	Υ			Funding	Sources	
			-				_	Budget	
Funding Source ARFVTF	Amount	FY 10-11	Amount \$1,394,298	Approved? Yes	Funding PIER-E	Source	FY 09-10	List No. 501.027	Amount \$1,394,298
ECAA	\$ \$	10-11	\$1,394,296	res	PIER-E		09-10	301.021	\$1,394,296
State- ERPA	\$		\$						\$
Federal	\$		\$						\$
PIER - E	\$1,394,298		\$						\$
PIER - NG	\$		\$						\$
Reimbursement	\$		\$						\$
Other	\$		\$					L	\$
TOTAL		TOTAL:	\$1,394,298		F . 1	Δ	1	TOTAL:	\$1,394,298
Reimbursement	Contract #:				Federal	Agreem	ient		
Contractor's A	dministrator/ O	fficer		Contrac	ctor's P	roiect M	lanager		
	Byron Washom			Name:			Vashom		
Address:	9500 Gilman Dr	,		Address	3:	9500 G	ilman Dr		
City, State, Zip:	La Jolla, CA 920	093-0224		City, Sta	ate, Zip:	La Jolla	, CA 9209	93-0224	
	(858) 869-5805		34-5203	Phone/	Fax:	` '		(858) 534-	·5203
E-Mail:	bwashom@ucs	d.edu		E-Mail:		bwasho	m@ucsd.	edu	
Contractor Is									
	pany (including no	n-profits)							
	Jency (including UC								
	t Entity (i.e. city, co		al government, air/	water/school	district, joi	nt power a	nuthorities, u	niversity from	another state)
Selection Proc	ess Used			11 14 11 -	-		11 14 11	.,	
Solicitation	titi Diel zw	250.00	Select S	olicitation ⁻	l ype	S	olicitation	#:	
Non Compe⊠ Exempt	titive Bid (Attach (JEC 96)	Interage	ncv					
EN EVOLUPE			merage	i i o y					
Civil Service C	onsiderations								
	ole (Contract is v								
Public Reso	urces Code 256	20, et sec	q., authorizes th	e Commis	sion to o	contract	for the sub	oject work.	(PIER)

CONTRACT REQUESTS FORM (CRF) CEC-94 (07/10)



	230
N	

 ☐ The Services Contracted: ☐ are not available within civil service ☐ cannot be performed satisfactorily by civil service employees ☐ are of such a highly specialized or technical nature that the expert available through the civil service system ☐ The Services are of such an: ☐ urgent ☐ temporary, or ☐ occasional nature that the delay to implement under civil service would frustrate their very Justification: 			e	xperti	ise, a	an	d ability	' are	e no	ot
Decree and Markland										
Payment Method A. Reimbursement in arrears based on:										
I——	at I	Rate					☐ On	e-ti	me	
Retention										
Is contract subject to retention?						$\overline{\times}$	No		$\overline{\Box}$	Yes
If Yes, Do you plan to release retention prior to contract termination?						É	No		H	Yes
in rea, be you plan to release retention prior to contract termination:						_			<u> </u>	100
Justification of Rates										
The rates charged in this contract by the University of California are U.C. the negotiated rates with the Energy Commission.	рu	ıblished r	ate	es an	d the	9 (overhea	d ra	ates	s are
Disabled Veteran Business Enterprise Program (DVBE)										
			_	DVBI	E %:	_				
Contractor is Certified DVBE										
Contractor is Subcontracting with a DVBE:										
3. Requesting DVBE Exemption (attach CEC 95)										
Is Contractor a certified Small Business (SB), Micro Business (MB)	or	DVRF?			Γ	$\overline{\mathbf{X}}$	No		Υe	26
If yes, check appropriate box:				SB	Γ	7	MB	H		/BE
7-2, 22.x app. apr. ap			_							
Is Contractor subcontracting any services?							No	X	Υe	es
If yes, give company name and identify if they are a Small Business (SB),	N	licro Bus	ine	ess (N	/IВ) а	an	d/or DV	ΒE	:	
	\boxtimes	No		SB			MB] D\	/BE
Smart Grid & Energy IT Consulting	\boxtimes			SB			MB			/BE
	<u> </u>	No	\sqsubseteq	SB		_]	MB			/BE
	<u> </u>	No	<u>Ц</u>	SB	<u> </u>	<u> </u>	MB	<u> </u>		/BE
	<u> </u>	No	<u> </u>	SB	<u></u>	븍	MB	누		/BE
	<u> </u>	No	<u> </u>	SB	<u>L</u>	닉	MB	\vdash		/BE /BE
	<u> </u>	No No	믬	SB SB	<u> </u>	╡	MB MB	H		/BE /BE
		No	片	SB		╡	MB	H		/BE
		No		SB		_	MB			/BE

STATE OF CALIFORNIA CONTRACT REQUESTS FORM (CRF) CEC-94 (07/10)

CALIFORNIA ENERGY COMMISSION



following signatures ar	e only required w	/hen contract approval is dele See Business Meeting		utive Office and not approved at a	a Business Mee
Contract Manager	Date	Office Manager	Date	Deputy Director	Date
7. Resumes				N/A [★ Attached ★ Attached
6. Draft CEQA Notic	e of Exemption	n (NOE)			X Attached X Attached
5. CEC 95, DVBE E			⊠ N/A [Attached	
4. CEC 30, Survey	•			Attached	
3. CEC 96, NCB Re			□ N/A [□ N/A [Attached	
 Scope of Work, A Budget Detail, At 				<u> </u>	
		tached to this CRF		□ NI/A [M. A. (
·		nission's RD&D Programs.			
				on blanket authority to execu	te multi-year
•	•	ts, longer than a year? If	yes, why?	☐ No	=
\square Monthly \trianglerighteq 6. Will a final report	Quarterly	LJ		□ No	⊠ Yes
5. Check frequency		ports			
4. Is the contractor				⊠ No	☐ Yes
3. Is the Contractor	providing conf	idential information?		⊠ No	☐ Yes
2. Will there be IT e	xpenditures?			⊠ No ⊠ No	∫ ∐ Yes ☐ Yes